



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

January 1997

## November 1996

This bulletin covers 27 agricultural industries in the state of California. The number of industries ranges from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE:** The data in this bulletin is also available electronically through a personal computer and modem. Our Labor Market Information Division's bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227). You may also access this data through the Internet. The LMID Internet address is: <http://www.calmis.cahwnet.gov>.

California's agricultural employment level totaled 329,300 in November 1996, a decrease of 66,200 from the October 1996 level of 395,500. Agricultural employment levels decreased in all regions, except the Desert region which had little change from the previous month. (Tables 1-A through 7-A.)

### Wage and Salary Workers in Agricultural Establishments

For November 1996

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	329.3	155.5	53.7	56.9	31.2	23.9	11.0
Total Crops	176.8	68.3	37.5	36.5	12.9	17.0	7.8
Total Livestock	25.0	14.0	1.9	1.2	5.0	1.7	1.8
Total Services	127.5	73.2	14.3	19.2	13.3	5.2	1.4

Source: Tables 1-A through 7-A.

Forty-seven percent of California's agricultural workers were employed in the San Joaquin Valley region. The South Coast region employed 16% of the state's agricultural workers, while the Central Coast region employed 17%. The Desert region employed 9.5% of the state's agricultural workers. The Sacramento Valley region employed 7% of the California agricultural workforce, and the North Coast region employed 3%.

## **AGRICULTURAL PRODUCTION WORKERS**

California's agricultural production worker employment level was 301,600 in November 1996, a decrease of 66,100 from the previous month's level of 367,700. (Table 1-B through 7-B.)

Earnings for California agricultural production workers averaged \$282.71 per week in November 1996, eighty-five cents less than the average weekly earnings in October 1996. Regional averages ranged from a low of \$273.14 in the Desert region to a high of \$316.36 in the North Coast region. (Tables 1-C through 7-C.)

The hours worked per week in California agriculture averaged 40.1 in November 1996, 1.6 hours less than the October 1996 level of 41.7. The shortest workweek was in the Central Coast region with 38.7 hours. The longest workweek was in the North Coast region with 44.0 hours. (Tables 1-D through 7-D.)

Production workers statewide earned an average of \$7.05 per hour in November 1996, twenty-five cents more than the October 1996 level of \$6.80. Regional averages ranged from a low of \$6.81 in the Sacramento Valley region to a high of \$7.75 in the Central Coast region. (Table 1-E through 7-E.)

## **CHANGES FROM ONE YEAR AGO**

California's total agricultural employment level was 5,400 higher than the November 1995 level of 323,900. (Table 1-A.)

The state's agricultural production employment level was 6,500 higher compared to one year ago. (Table 1-B.)

Average weekly earnings for California agricultural production workers had a year-over increase of \$5.69 from the November 1995 level. (Table 1-C.)

The number of hours worked per week in November 1996 decreased by an average of 0.4 hours compared to the same month a year before. (Table 1-D.)

Hourly earnings for California production workers averaged twenty-one cents more in November 1996 compared to November 1995. (Table 1-E.)

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# Average Hourly Earnings of Production Workers

For November 1996

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	\$7.05	\$6.85	\$7.17	\$7.75	\$6.88	\$6.81	\$7.19
Total Crops	7.00	6.54	7.26	7.76	6.81	6.88	7.27
Total Livestock	7.58	7.74	7.51	7.75	7.34	6.85	7.29
Total Services	7.01	6.97	6.85	7.72	6.71	6.60	6.62

Source: Tables 1-E through 7-E.

## DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

## DATA COMMENTS:

**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL. SIMILARLY, ESTIMATES FOR THE MONTHS AND THE YEAR ARE INDEPENDENTLY DERIVED. THEREFORE, THE AVERAGE OF THE MONTHLY ESTIMATES WILL NOT NECESSARILY EQUAL THE ANNUAL AVERAGE ESTIMATE.**

To aid in accurate usage and interpretation of the data, please note the following:

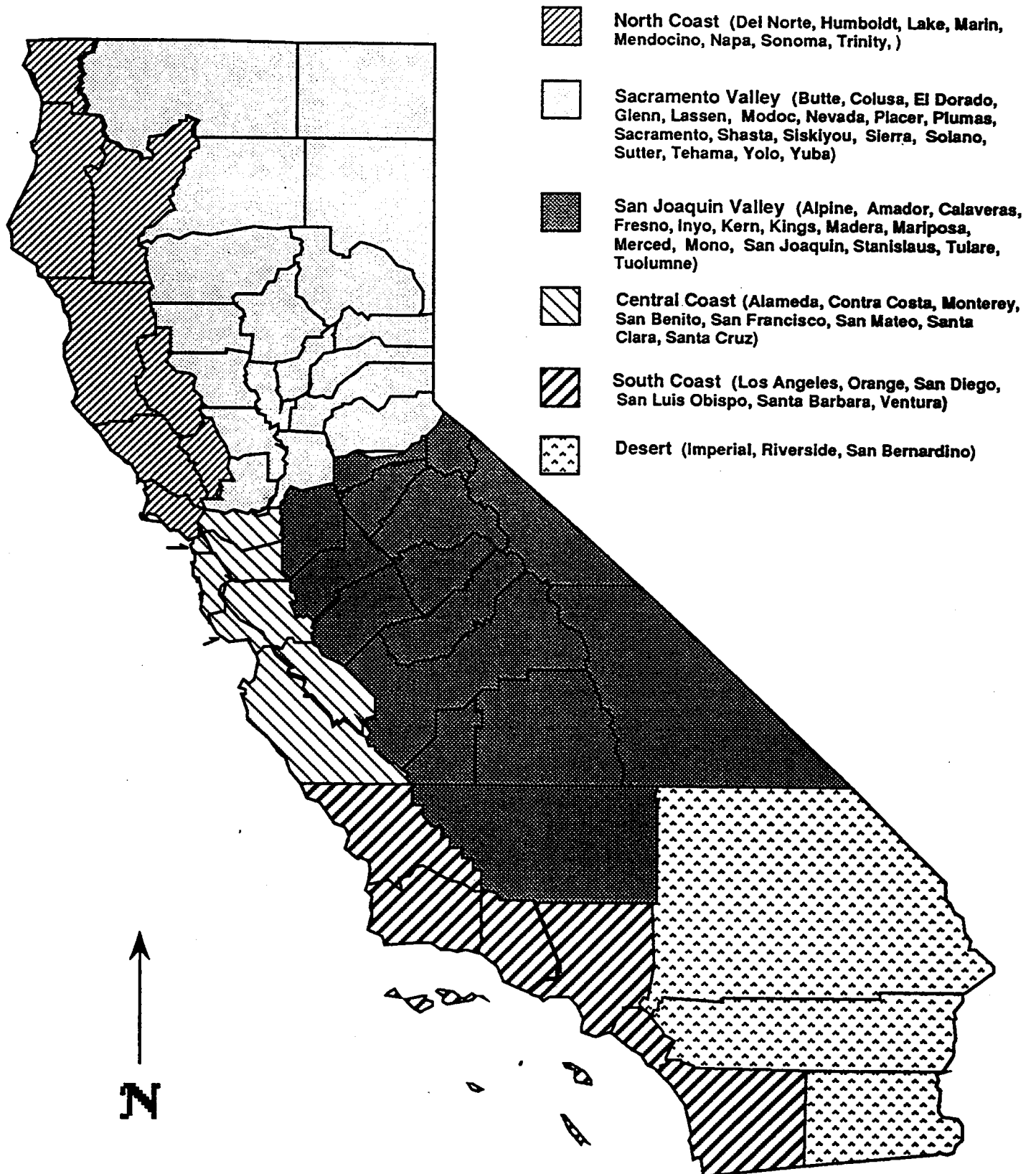
- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Current Economic Statistics Group, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2358.**

# CES-AG REPORTING REGIONS

## LABOR MARKET INFORMATION DIVISION

### EMPLOYMENT DEVELOPMENT DEPARTMENT



# CALIFORNIA

## Wage and Salary Employment in Agricultural Establishments

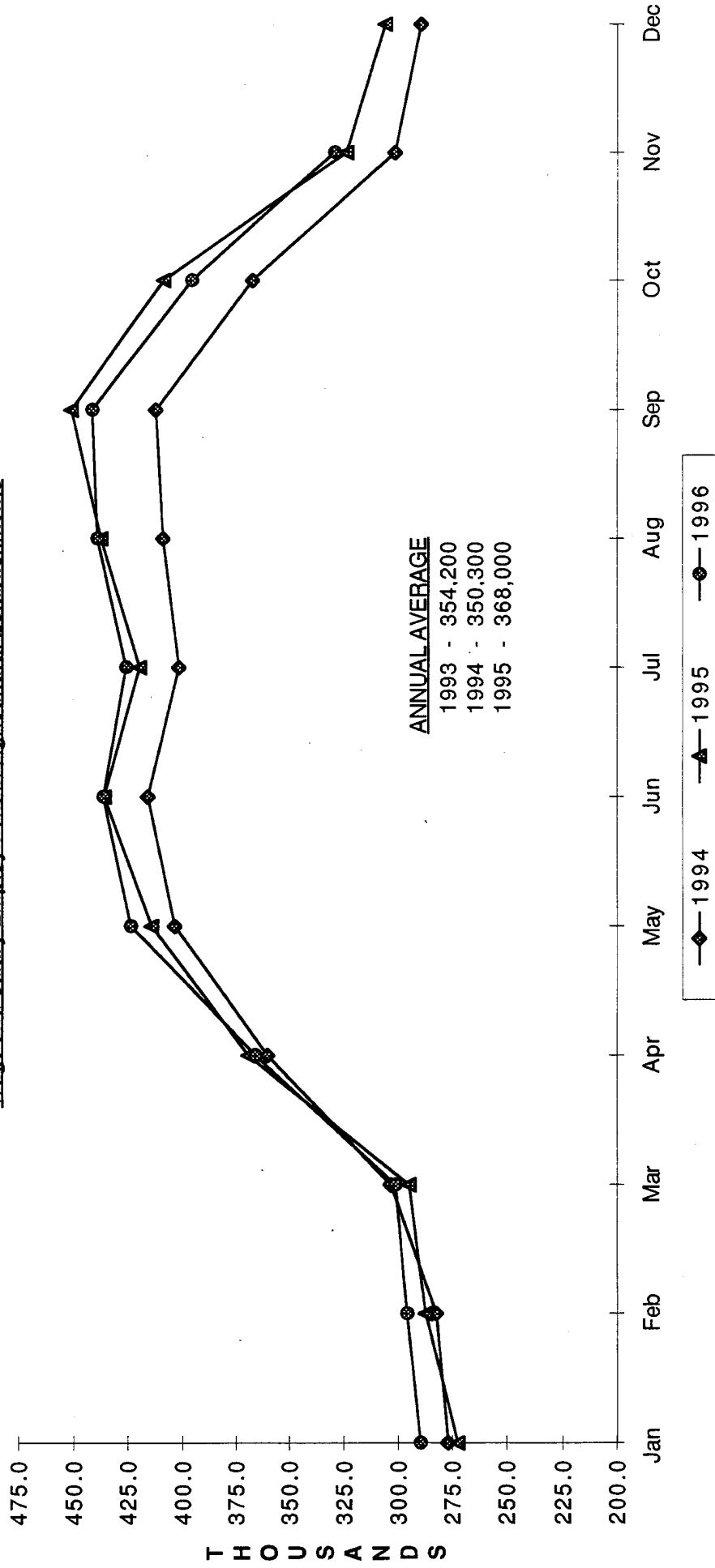


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	329.3	395.5	323.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	176.8	218.0	177.7
CASH GRAINS	2.5	3.2	2.6
RICE	1.3	1.8	1.3
OTHER CASH GRAINS	1.2	1.4	1.3
FIELD CROPS EXCEPT CASH GRAINS	11.8	12.4	11.4
COTTON	7.2	7.1	7.1
OTHER FIELD CROPS	4.6	5.3	4.3
VEGETABLES AND MELONS	32.1	36.9	31.8
TOTAL FRUITS AND TREE NUTS	74.8	101.2	73.7
BERRIES	12.1	18.0	11.8
GRAPES	21.3	36.5	22.3
TREE NUTS	7.7	10.1	8.1
CITRUS FRUITS	5.7	5.7	5.5
DECIDUOUS TREE FRUIT	13.5	13.6	10.8
OTHER FRUITS AND NUTS	14.5	17.3	15.2
TOTAL HORTICULTURAL SPECIALTIES	29.5	34.5	32.7
ORNAMENTAL FLORAL & NURSERY	26.5	31.5	29.7
FOOD CROPS GROWN UNDER COVER	3.0	3.0	3.0
GENERAL FARM PRIMARILY CROP	26.1	29.8	25.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.0	25.5	24.8
BEEF CATTLE FEED LOTS	0.5	0.5	0.4
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.9	3.9
DAIRY FARMS	12.7	13.1	12.5
CHICKEN EGGS	2.6	2.6	2.6
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.5	4.4	4.4
TOTAL AGRICULTURAL SERVICES	127.5	152.0	121.4
SOIL PREPARATION SERVICES	1.3	1.4	1.2
CROP SERVICES	45.7	45.8	44.5
PLANT CULTIVATE & PROTECTION	4.9	4.9	4.4
HARVEST PRIMARILY BY MACHINE	5.3	6.0	5.2
PREPARATION SVCS FOR MARKET	33.3	32.9	32.8
COTTON GINNING	2.2	2.0	2.1
TOTAL FARM LABOR & MANAGEMENT	80.5	104.8	75.7
FARM LABOR CONTRACTORS	73.8	95.9	69.1
FARM MANAGEMENT SERVICES	6.7	8.9	6.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	301.6	367.7	295.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	158.6	199.9	158.9
CASH GRAINS	2.1	2.8	2.2
RICE	1.1	1.6	1.1
OTHER CASH GRAINS	1.0	1.2	1.1
FIELD CROPS EXCEPT CASH GRAINS	10.8	11.4	10.3
COTTON	6.7	6.6	6.5
OTHER FIELD CROPS	4.1	4.8	3.8
VEGETABLES AND MELONS	29.2	34.1	28.9
TOTAL FRUITS AND TREE NUTS	68.5	95.1	67.4
BERRIES	11.8	17.8	11.5
GRAPES	18.4	33.7	19.5
TREE NUTS	7.0	9.3	7.3
CITRUS FRUITS	5.1	5.0	4.9
DECIDUOUS TREE FRUIT	12.6	12.7	9.9
OTHER FRUITS AND NUTS	13.6	16.6	14.3
TOTAL HORTICULTURAL SPECIALTIES	24.2	28.8	26.8
ORNAMENTAL FLORAL & NURSERY	21.5	26.1	24.2
FOOD CROPS GROWN UNDER COVER	2.7	2.7	2.6
GENERAL FARM PRIMARILY CROP	23.8	27.7	23.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.5	22.9	22.3
BEEF CATTLE FEED LOTS	0.4	0.4	0.3
BEEF CATTLE EXCEPT FEED LOTS	3.2	3.3	3.3
DAIRY FARMS	12.0	12.3	11.8
CHICKEN EGGS	2.0	2.0	2.0
TURKEYS & TURKEY EGGS	0.9	0.9	0.9
OTHER LIVESTOCK	4.0	4.0	4.0
TOTAL AGRICULTURAL SERVICES	120.5	144.9	113.9
SOIL PREPARATION SERVICES	1.0	1.0	0.9
CROP SERVICES	41.4	41.3	39.4
PLANT CULTIVATE & PROTECTION	4.2	4.2	3.7
HARVEST PRIMARILY BY MACHINE	5.0	5.7	4.8
PREPARATION SVCS FOR MARKET	30.3	29.7	29.1
COTTON GINNING	1.9	1.7	1.8
TOTAL FARM LABOR & MANAGEMENT	78.1	102.6	73.6
FARM LABOR CONTRACTORS	72.0	94.3	67.6
FARM MANAGEMENT SERVICES	6.1	8.3	6.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	282.71	283.56	277.02
TOTAL AGRICULTURAL PRODUCTION/CROPS	299.60	293.57	295.31
CASH GRAINS	343.33	401.13	341.76
RICE	348.44	439.34	333.41
OTHER CASH GRAINS	337.96	351.67	350.66
FIELD CROPS EXCEPT CASH GRAINS	326.78	335.53	393.21
COTTON	337.66	344.50	417.69
OTHER FIELD CROPS	308.95	322.70	351.90
VEGETABLES AND MELONS	389.84	328.62	357.44
TOTAL FRUITS AND TREE NUTS	255.96	263.59	248.57
BERRIES	231.48	272.58	208.62
GRAPES	278.95	258.12	274.89
TREE NUTS	251.10	293.90	264.05
CITRUS FRUITS	272.31	303.00	258.63
DECIDUOUS TREE FRUIT	244.21	237.55	234.74
OTHER FRUITS AND NUTS	250.88	255.67	241.88
TOTAL HORTICULTURAL SPECIALTIES	294.81	301.46	298.35
ORNAMENTAL FLORAL & NURSERY	305.03	291.45	288.96
FOOD CROPS GROWN UNDER COVER	213.31	402.40	387.94
GENERAL FARM PRIMARILY CROP	304.48	317.90	301.14
TOTAL AGRIC PRODUCTION/LIVESTOCK	356.26	349.03	348.18
BEEF CATTLE FEED LOTS	376.83	351.36	354.08
BEEF CATTLE EXCEPT FEED LOTS	341.12	347.13	334.90
DAIRY FARMS	372.76	361.57	362.07
CHICKEN EGGS	343.82	333.27	315.03
TURKEYS & TURKEY EGGS	373.01	366.87	383.79
OTHER LIVESTOCK	319.56	316.57	329.24
TOTAL AGRICULTURAL SERVICES	247.45	259.57	238.28
SOIL PREPARATION SERVICES	579.36	577.52	583.20
CROP SERVICES	292.04	308.28	295.32
PLANT CULTIVATE & PROTECTION	346.26	375.75	351.14
HARVEST PRIMARILY BY MACHINE	278.07	307.72	247.54
PREPARATION SVCS FOR MARKET	272.57	292.13	287.20
COTTON GINNING	516.53	442.24	431.68
TOTAL FARM LABOR & MANAGEMENT	220.11	236.22	203.49
FARM LABOR CONTRACTORS	211.18	230.00	194.36
FARM MANAGEMENT SERVICES	325.26	310.06	299.88

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	40.1	41.7	40.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.8	43.3	43.3
CASH GRAINS	45.9	55.1	48.0
RICE	44.5	58.5	45.3
OTHER CASH GRAINS	47.4	50.6	50.6
FIELD CROPS EXCEPT CASH GRAINS	48.7	51.7	58.6
COTTON	50.7	53.0	63.0
OTHER FIELD CROPS	45.5	49.8	51.0
VEGETABLES AND MELONS	44.3	43.7	46.3
TOTAL FRUITS AND TREE NUTS	38.9	39.4	38.3
BERRIES	36.0	41.3	34.2
GRAPES	39.4	35.8	38.5
TREE NUTS	40.5	46.8	43.5
CITRUS FRUITS	37.1	42.2	37.0
DECIDUOUS TREE FRUIT	40.1	39.2	38.8
OTHER FRUITS AND NUTS	39.2	39.7	38.7
TOTAL HORTICULTURAL SPECIALTIES	44.6	42.7	42.5
ORNAMENTAL FLORAL & NURSERY	43.7	42.3	42.0
FOOD CROPS GROWN UNDER COVER	51.9	46.9	47.6
GENERAL FARM PRIMARILY CROP	47.5	52.2	47.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.0	46.6	47.5
BEEF CATTLE FEED LOTS	47.7	48.8	49.8
BEEF CATTLE EXCEPT FEED LOTS	41.6	43.5	42.5
DAIRY FARMS	48.6	47.7	48.6
CHICKEN EGGS	49.4	48.3	49.3
TURKEYS & TURKEY EGGS	47.7	48.4	50.9
OTHER LIVESTOCK	45.2	44.4	46.7
TOTAL AGRICULTURAL SERVICES	35.3	38.8	35.3
SOIL PREPARATION SERVICES	59.3	60.6	60.0
CROP SERVICES	39.2	42.0	40.4
PLANT CULTIVATE & PROTECTION	45.5	49.9	45.9
HARVEST PRIMARILY BY MACHINE	34.5	39.3	32.7
PREPARATION SVCS FOR MARKET	37.7	40.8	40.0
COTTON GINNING	61.2	53.8	55.7
TOTAL FARM LABOR & MANAGEMENT	33.0	37.2	32.3
FARM LABOR CONTRACTORS	31.9	36.8	31.5
FARM MANAGEMENT SERVICES	46.4	41.9	40.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	7.05	6.80	6.84
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.00	6.78	6.82
CASH GRAINS	7.48	7.28	7.12
RICE	7.83	7.51	7.36
OTHER CASH GRAINS	7.13	6.95	6.93
FIELD CROPS EXCEPT CASH GRAINS	6.71	6.49	6.71
COTTON	6.66	6.50	6.63
OTHER FIELD CROPS	6.79	6.48	6.90
VEGETABLES AND MELONS	8.80	7.52	7.72
TOTAL FRUITS AND TREE NUTS	6.58	6.69	6.49
BERRIES	6.43	6.60	6.10
GRAPES	7.08	7.21	7.14
TREE NUTS	6.20	6.28	6.07
CITRUS FRUITS	7.34	7.18	6.99
DECIDUOUS TREE FRUIT	6.09	6.06	6.05
OTHER FRUITS AND NUTS	6.40	6.44	6.25
TOTAL HORTICULTURAL SPECIALTIES	6.61	7.06	7.02
ORNAMENTAL FLORAL & NURSERY	6.98	6.89	6.88
FOOD CROPS GROWN UNDER COVER	4.11	8.58	8.15
GENERAL FARM PRIMARILY CROP	6.41	6.09	6.30
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.58	7.49	7.33
BEEF CATTLE FEED LOTS	7.90	7.20	7.11
BEEF CATTLE EXCEPT FEED LOTS	8.20	7.98	7.88
DAIRY FARMS	7.67	7.58	7.45
CHICKEN EGGS	6.96	6.90	6.39
TURKEYS & TURKEY EGGS	7.82	7.58	7.54
OTHER LIVESTOCK	7.07	7.13	7.05
TOTAL AGRICULTURAL SERVICES	7.01	6.69	6.75
SOIL PREPARATION SERVICES	9.77	9.53	9.72
CROP SERVICES	7.45	7.34	7.31
PLANT CULTIVATE & PROTECTION	7.61	7.53	7.65
HARVEST PRIMARILY BY MACHINE	8.06	7.83	7.57
PREPARATION SVCS FOR MARKET	7.23	7.16	7.18
COTTON GINNING	8.44	8.22	7.75
TOTAL FARM LABOR & MANAGEMENT	6.67	6.35	6.30
FARM LABOR CONTRACTORS	6.62	6.25	6.17
FARM MANAGEMENT SERVICES	7.01	7.40	7.35

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SAN JOAQUIN

## Wage and Salary Employment in Agricultural Establishments

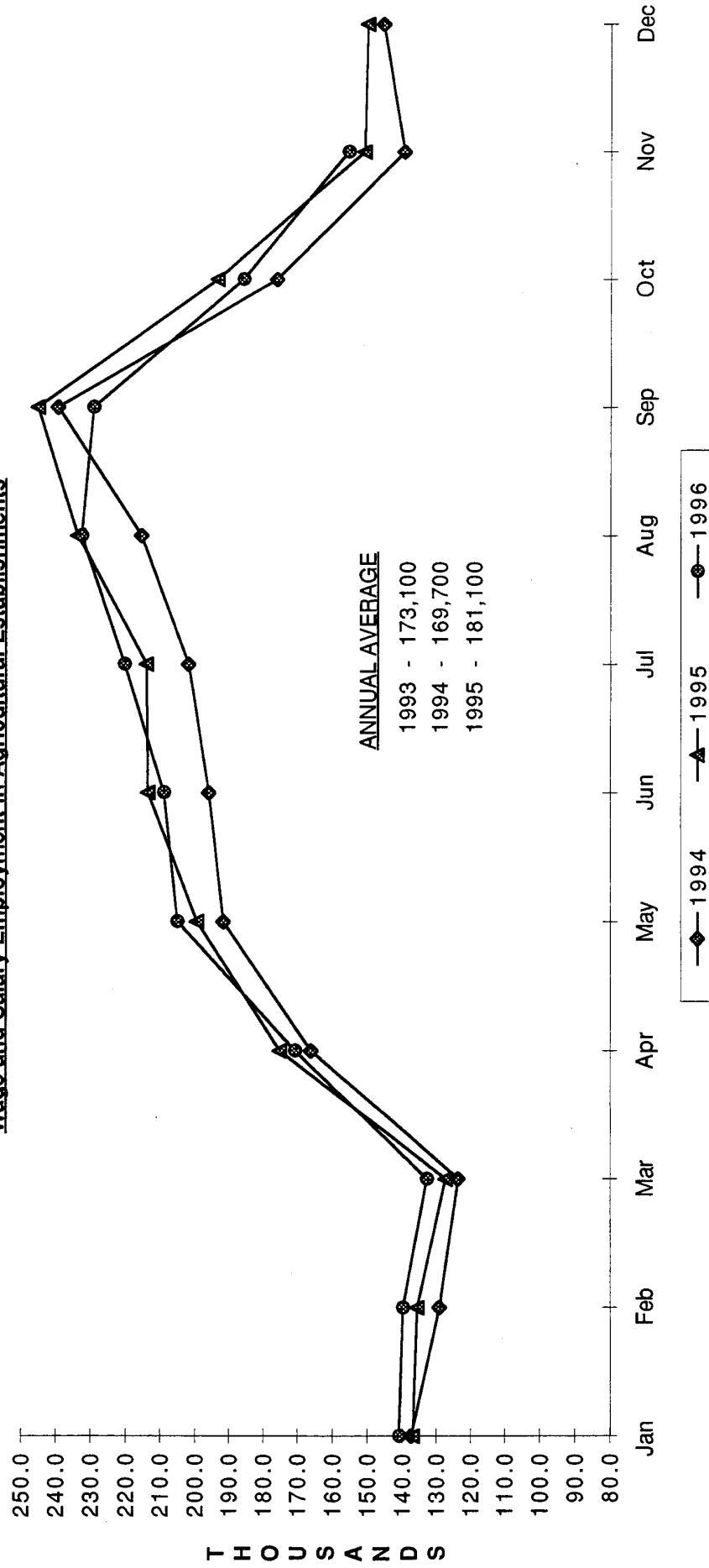


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	155.5	185.7	150.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	68.3	82.8	67.1
TOTAL FIELD CROPS	9.9	10.5	9.6
COTTON	6.8	6.8	6.8
OTHER FIELD CROPS	3.1	3.7	2.8
VEGETABLES AND MELONS	5.5	5.7	5.3
TOTAL FRUITS AND TREE NUTS	36.2	47.5	34.5
GRAPES	14.5	24.0	15.3
TREE NUTS	5.7	7.5	6.0
CITRUS FRUITS	2.5	2.4	2.4
DECIDUOUS TREE FRUIT	8.6	7.9	6.1
OTHER FRUITS AND NUTS	4.9	5.7	4.7
HORTICULTURAL SPECIALTIES	2.2	2.7	3.8
GENERAL FARM PRIMARILY CROP	14.5	16.4	13.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	14.0	14.1	13.8
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.2
DAIRY FARMS	9.4	9.6	9.2
POULTRY & EGGS	2.0	2.0	2.0
OTHER LIVESTOCK	1.1	1.0	1.1
TOTAL AGRICULTURAL SERVICES	73.2	88.8	70.0
CROP SERVICES	26.2	24.4	24.7
PLANT CULTIVATE & PROTECTION	4.0	3.9	4.0
HARVEST PRIMARILY BY MACHINE	1.8	2.0	1.7
PREPARATION SVCS FOR MARKET	18.5	16.8	17.0
COTTON GINNING	1.9	1.7	2.0
TOTAL FARM LABOR & MANAGEMENT	47.0	64.4	45.3
FARM LABOR CONTRACTORS	43.1	60.1	41.7
FARM MANAGEMENT SERVICES	3.9	4.3	3.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	145.3	175.0	139.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	63.0	77.2	60.9
TOTAL FIELD CROPS	9.1	9.5	8.6
COTTON	6.3	6.2	6.1
OTHER FIELD CROPS	2.8	3.3	2.5
VEGETABLES AND MELONS	4.9	5.2	4.8
TOTAL FRUITS AND TREE NUTS	34.0	45.0	32.2
GRAPES	13.4	22.9	14.3
TREE NUTS	5.1	6.9	5.6
CITRUS FRUITS	2.3	2.2	2.2
DECIDUOUS TREE FRUIT	8.6	7.5	5.6
OTHER FRUITS AND NUTS	4.6	5.5	4.5
HORTICULTURAL SPECIALTIES	1.7	2.2	2.7
GENERAL FARM PRIMARILY CROP	13.3	15.3	12.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.9	13.0	12.7
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.0	1.0
DAIRY FARMS	8.8	9.0	8.6
POULTRY & EGGS	1.9	1.9	1.9
OTHER LIVESTOCK	0.9	0.9	1.0
TOTAL AGRICULTURAL SERVICES	69.4	84.8	65.7
CROP SERVICES	23.6	21.5	21.8
PLANT CULTIVATE & PROTECTION	3.3	3.2	3.4
HARVEST PRIMARILY BY MACHINE	1.7	1.9	1.5
PREPARATION SVCS FOR MARKET	16.9	15.0	15.1
COTTON GINNING	1.7	1.4	1.8
TOTAL FARM LABOR & MANAGEMENT	45.8	63.3	43.9
FARM LABOR CONTRACTORS	42.3	59.3	40.7
FARM MANAGEMENT SERVICES	3.5	4.0	3.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	277.43	274.03	275.15
TOTAL AGRICULTURAL PRODUCTION/CROPS	287.11	276.46	293.93
TOTAL FIELD CROPS	337.31	342.61	404.53
COTTON	336.14	342.38	410.76
OTHER FIELD CROPS	340.17	343.58	389.77
VEGETABLES AND MELONS	330.97	304.02	323.95
TOTAL FRUITS AND TREE NUTS	258.80	249.35	257.28
GRAPES	263.96	234.78	262.71
TREE NUTS	253.68	277.08	266.30
CITRUS FRUITS	242.35	272.58	295.31
DECIDUOUS TREE FRUIT	259.45	249.40	232.44
OTHER FRUITS AND NUTS	258.05	268.79	245.60
HORTICULTURAL SPECIALTIES	329.89	288.93	302.51
GENERAL FARM PRIMARILY CROP	302.90	302.56	298.48
TOTAL AGRIC PRODUCTION/LIVESTOCK	370.75	360.61	351.29
BEEF CATTLE FEED LOTS	371.79	340.58	355.62
BEEF CATTLE EXCEPT FEED LOTS	357.47	358.96	351.12
DAIRY FARMS	378.49	363.56	356.59
POULTRY & EGGS	365.97	370.71	346.32
OTHER LIVESTOCK	314.68	317.36	315.58
TOTAL AGRICULTURAL SERVICES	252.31	258.19	242.14
CROP SERVICES	280.46	296.16	303.12
PLANT CULTIVATE & PROTECTION	367.52	385.28	380.15
HARVEST PRIMARILY BY MACHINE	244.52	336.04	282.31
PREPARATION SVCS FOR MARKET	245.64	261.25	273.14
COTTON GINNING	500.99	416.50	422.45
TOTAL FARM LABOR & MANAGEMENT	237.57	244.90	212.40
FARM LABOR CONTRACTORS	229.15	241.25	206.36
FARM MANAGEMENT SERVICES	330.56	299.14	290.93

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	40.5	41.9	41.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.9	43.4	44.4
TOTAL FIELD CROPS	50.8	53.2	61.2
COTTON	50.7	53.0	63.0
OTHER FIELD CROPS	51.0	53.6	56.9
VEGETABLES AND MELONS	48.6	46.7	47.5
TOTAL FRUITS AND TREE NUTS	40.0	38.9	39.4
GRAPES	38.2	35.2	37.8
TREE NUTS	42.0	45.2	43.3
CITRUS FRUITS	32.4	42.0	43.3
DECIDUOUS TREE FRUIT	43.9	42.2	39.0
OTHER FRUITS AND NUTS	39.7	41.1	38.8
HORTICULTURAL SPECIALTIES	48.3	41.1	39.7
GENERAL FARM PRIMARILY CROP	46.6	49.6	45.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.9	47.7	47.6
BEEF CATTLE FEED LOTS	46.3	47.7	50.3
BEEF CATTLE EXCEPT FEED LOTS	40.9	43.3	41.8
DAIRY FARMS	48.4	47.4	47.8
POULTRY & EGGS	47.1	50.3	48.1
OTHER LIVESTOCK	52.1	49.9	50.9
TOTAL AGRICULTURAL SERVICES	36.2	39.6	37.6
CROP SERVICES	37.9	39.7	42.1
PLANT CULTIVATE & PROTECTION	43.7	48.1	48.8
HARVEST PRIMARILY BY MACHINE	28.7	40.1	35.6
PREPARATION SVCS FOR MARKET	35.6	36.9	39.7
COTTON GINNING	59.5	50.0	54.3
TOTAL FARM LABOR & MANAGEMENT	35.3	39.5	35.4
FARM LABOR CONTRACTORS	34.1	39.1	34.8
FARM MANAGEMENT SERVICES	48.9	45.6	43.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	6.85	6.54	6.63
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.54	6.37	6.62
TOTAL FIELD CROPS	6.64	6.44	6.61
COTTON	6.63	6.46	6.52
OTHER FIELD CROPS	6.67	6.41	6.85
VEGETABLES AND MELONS	6.81	6.51	6.82
TOTAL FRUITS AND TREE NUTS	6.47	6.41	6.53
GRAPES	6.91	6.67	6.95
TREE NUTS	6.04	6.13	6.15
CITRUS FRUITS	7.48	6.49	6.82
DECIDUOUS TREE FRUIT	5.91	5.91	5.96
OTHER FRUITS AND NUTS	6.50	6.54	6.33
HORTICULTURAL SPECIALTIES	6.83	7.03	7.62
GENERAL FARM PRIMARILY CROP	6.50	6.10	6.56
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.74	7.56	7.38
BEEF CATTLE FEED LOTS	8.03	7.14	7.07
BEEF CATTLE EXCEPT FEED LOTS	8.74	8.29	8.40
DAIRY FARMS	7.82	7.67	7.46
POULTRY & EGGS	7.77	7.37	7.20
OTHER LIVESTOCK	6.04	6.36	6.20
TOTAL AGRICULTURAL SERVICES	6.97	6.52	6.44
CROP SERVICES	7.40	7.46	7.20
PLANT CULTIVATE & PROTECTION	8.41	8.01	7.79
HARVEST PRIMARILY BY MACHINE	8.52	8.38	7.93
PREPARATION SVCS FOR MARKET	6.90	7.08	6.88
COTTON GINNING	8.42	8.33	7.78
TOTAL FARM LABOR & MANAGEMENT	6.73	6.20	6.00
FARM LABOR CONTRACTORS	6.72	6.17	5.93
FARM MANAGEMENT SERVICES	6.76	6.56	6.75

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# SOUTH COAST

## Wage and Salary Employment in Agricultural Establishments

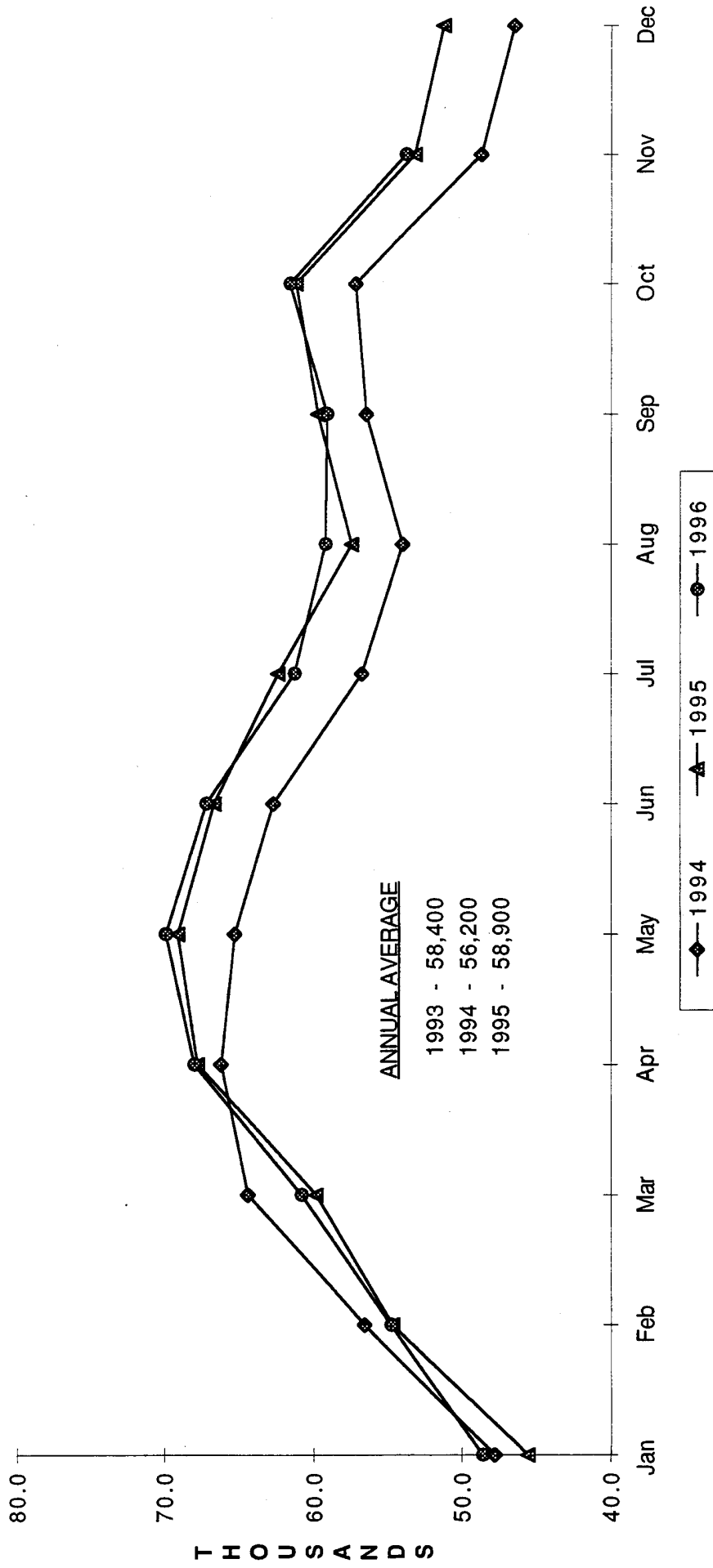


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	53.7	61.6	53.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	37.5	42.9	36.7
VEGETABLES AND MELONS	8.9	9.5	9.0
TOTAL FRUITS AND TREE NUTS	9.1	12.7	8.3
BERRIES	4.8	7.7	3.9
CITRUS FRUITS	1.8	1.9	1.7
OTHER FRUITS AND NUTS	2.5	3.1	2.7
TOTAL HORTICULTURAL SPECIALTIES	15.2	15.4	15.1
ORNAMENTAL FLORAL & NURSERY	14.5	14.7	14.4
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	4.3	5.3	4.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	14.3	16.8	14.4
CROP SERVICES	4.2	5.0	3.9
HARVEST PRIMARILY BY MACHINE	1.7	2.2	1.5
PREPARATION SVCS FOR MARKET	2.5	2.8	2.4
TOTAL FARM LABOR & MANAGEMENT	10.1	11.8	10.5
FARM LABOR CONTRACTORS	8.9	9.8	9.2
FARM MANAGEMENT SERVICES	1.2	2.0	1.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SOUTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	47.2	55.7	47.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	32.9	38.4	31.9
VEGETABLES AND MELONS	8.1	8.8	8.3
TOTAL FRUITS AND TREE NUTS	8.3	12.0	7.5
BERRIES	4.6	7.5	3.7
CITRUS FRUITS	1.4	1.6	1.2
OTHER FRUITS AND NUTS	2.3	2.9	2.6
TOTAL HORTICULTURAL SPECIALTIES	12.5	12.7	12.3
ORNAMENTAL FLORAL & NURSERY	11.8	12.0	11.7
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.6
GENERAL FARM PRIMARILY CROP	4.0	4.9	3.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.7	1.7
TOTAL AGRICULTURAL SERVICES	12.7	15.6	13.5
CROP SERVICES	3.8	4.5	3.6
HARVEST PRIMARILY BY MACHINE	1.6	2.0	1.4
PREPARATION SVCS FOR MARKET	2.2	2.5	2.2
TOTAL FARM LABOR & MANAGEMENT	8.9	11.1	9.9
FARM LABOR CONTRACTORS	7.9	9.3	8.8
FARM MANAGEMENT SERVICES	1.0	1.8	1.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	301.14	297.46	278.56
TOTAL AGRICULTURAL PRODUCTION/CROPS	314.36	305.23	284.93
VEGETABLES AND MELONS	375.32	339.77	297.26
TOTAL FRUITS AND TREE NUTS	264.13	269.73	247.38
BERRIES	263.90	267.96	224.07
CITRUS FRUITS	234.43	297.01	280.09
OTHER FRUITS AND NUTS	282.07	261.63	265.43
TOTAL HORTICULTURAL SPECIALTIES	303.53	316.24	296.31
ORNAMENTAL FLORAL & NURSERY	303.90	310.54	292.19
FOOD CROPS GROWN UNDER COVER	295.24	416.64	373.77
GENERAL FARM PRIMARILY CROP	326.04	302.12	294.55
TOTAL AGRIC PRODUCTION/LIVESTOCK	354.47	350.90	326.16
TOTAL AGRICULTURAL SERVICES	259.62	272.84	255.99
CROP SERVICES	337.12	346.18	282.41
HARVEST PRIMARILY BY MACHINE	266.07	297.97	240.35
PREPARATION SVCS FOR MARKET	388.45	385.12	308.51
TOTAL FARM LABOR & MANAGEMENT	227.02	242.59	246.09
FARM LABOR CONTRACTORS	210.90	233.42	239.20
FARM MANAGEMENT SERVICES	356.50	293.85	303.29

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	42.0	42.8	41.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.3	44.3	43.5
VEGETABLES AND MELONS	44.0	46.8	44.5
TOTAL FRUITS AND TREE NUTS	41.4	40.5	39.9
BERRIES	40.6	40.6	38.5
CITRUS FRUITS	35.2	40.3	40.3
OTHER FRUITS AND NUTS	46.7	40.5	41.8
TOTAL HORTICULTURAL SPECIALTIES	43.8	45.7	45.1
ORNAMENTAL FLORAL & NURSERY	44.3	45.6	45.3
FOOD CROPS GROWN UNDER COVER	35.4	48.0	41.3
GENERAL FARM PRIMARILY CROP	44.0	45.5	43.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.2	46.6	43.2
TOTAL AGRICULTURAL SERVICES	37.9	38.7	37.1
CROP SERVICES	39.2	43.6	36.3
HARVEST PRIMARILY BY MACHINE	34.6	38.3	31.5
PREPARATION SVCS FOR MARKET	42.5	47.9	39.3
TOTAL FARM LABOR & MANAGEMENT	37.4	36.7	37.4
FARM LABOR CONTRACTORS	36.3	35.8	36.8
FARM MANAGEMENT SERVICES	46.0	41.8	42.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	7.17	6.95	6.68
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.26	6.89	6.55
VEGETABLES AND MELONS	8.53	7.26	6.68
TOTAL FRUITS AND TREE NUTS	6.38	6.66	6.20
BERRIES	6.50	6.60	5.82
CITRUS FRUITS	6.66	7.37	6.95
OTHER FRUITS AND NUTS	6.04	6.46	6.35
TOTAL HORTICULTURAL SPECIALTIES	6.93	6.92	6.57
ORNAMENTAL FLORAL & NURSERY	6.86	6.81	6.45
FOOD CROPS GROWN UNDER COVER	8.34	8.68	9.05
GENERAL FARM PRIMARILY CROP	7.41	6.64	6.85
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.51	7.53	7.55
TOTAL AGRICULTURAL SERVICES	6.85	7.05	6.90
CROP SERVICES	8.60	7.94	7.78
HARVEST PRIMARILY BY MACHINE	7.69	7.78	7.63
PREPARATION SVCS FOR MARKET	9.14	8.04	7.85
TOTAL FARM LABOR & MANAGEMENT	6.07	6.61	6.58
FARM LABOR CONTRACTORS	5.81	6.52	6.50
FARM MANAGEMENT SERVICES	7.75	7.03	7.17

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

## CENTRAL COAST

### Wage and Salary Employment in Agricultural Establishments

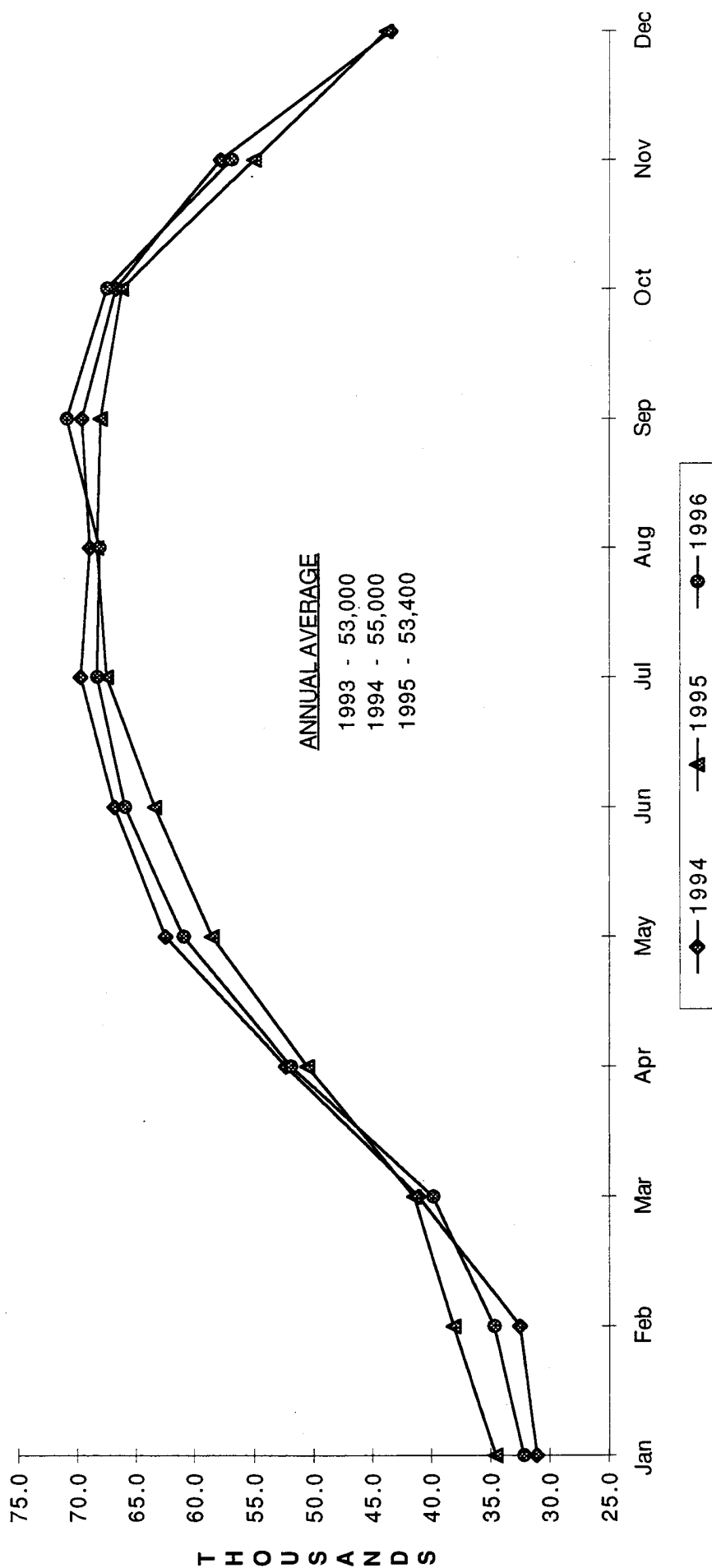


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	56.9	67.5	55.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.5	44.7	34.6
VEGETABLES AND MELONS	12.5	15.5	11.7
TOTAL FRUITS AND TREE NUTS	10.6	15.4	9.8
BERRIES	7.7	11.1	7.4
DECIDUOUS TREE FRUIT	1.6	2.2	1.1
OTHER FRUITS AND NUTS	1.3	2.1	1.3
TOTAL HORTICULTURAL SPECIALTIES	10.4	10.3	10.3
ORNAMENTAL FLORAL & NURSERY	8.2	8.1	8.1
FOOD CROPS GROWN UNDER COVER	2.2	2.2	2.2
GENERAL FARM PRIMARILY CROP	3.0	3.5	2.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	19.2	21.6	19.2
CROP SERVICES	8.1	8.7	10.4
HARVEST PRIMARILY BY MACHINE	2.9	3.0	2.8
PREPARATION SVCS FOR MARKET	5.2	5.7	7.6
TOTAL FARM LABOR & MANAGEMENT	11.1	12.9	8.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	52.3	63.1	50.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	33.1	41.4	31.1
VEGETABLES AND MELONS	11.4	14.4	10.6
TOTAL FRUITS AND TREE NUTS	10.2	15.1	9.4
BERRIES	7.6	11.0	7.3
DECIDUOUS TREE FRUIT	1.5	2.1	1.0
OTHER FRUITS AND NUTS	1.1	2.0	1.1
TOTAL HORTICULTURAL SPECIALTIES	8.7	8.6	8.6
ORNAMENTAL FLORAL & NURSERY	6.8	6.7	6.7
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.9
GENERAL FARM PRIMARILY CROP	2.8	3.3	2.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.9
TOTAL AGRICULTURAL SERVICES	18.4	20.9	18.5
CROP SERVICES	7.4	8.1	9.8
HARVEST PRIMARILY BY MACHINE	2.7	2.9	2.7
PREPARATION SVCS FOR MARKET	4.7	5.2	7.1
TOTAL FARM LABOR & MANAGEMENT	11.0	12.8	8.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	299.93	301.26	310.59
TOTAL AGRICULTURAL PRODUCTION/CROPS	320.49	317.12	319.07
VEGETABLES AND MELONS	431.54	327.16	394.00
TOTAL FRUITS AND TREE NUTS	219.09	294.89	208.64
BERRIES	206.07	288.18	198.75
DECIDUOUS TREE FRUIT	265.85	255.76	288.46
OTHER FRUITS AND NUTS	241.89	369.28	201.73
TOTAL HORTICULTURAL SPECIALTIES	294.81	339.65	329.96
ORNAMENTAL FLORAL & NURSERY	321.93	322.94	305.72
FOOD CROPS GROWN UNDER COVER	201.36	396.40	412.30
GENERAL FARM PRIMARILY CROP	315.44	321.86	373.46
TOTAL AGRIC PRODUCTION/LIVESTOCK	345.65	332.20	330.57
TOTAL AGRICULTURAL SERVICES	261.71	268.58	296.06
CROP SERVICES	335.62	327.54	354.69
HARVEST PRIMARILY BY MACHINE	319.60	322.09	352.90
PREPARATION SVCS FOR MARKET	345.71	330.05	355.85
TOTAL FARM LABOR & MANAGEMENT	211.06	231.13	231.90

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	38.7	41.9	40.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.3	43.5	42.6
VEGETABLES AND MELONS	43.9	41.1	47.7
TOTAL FRUITS AND TREE NUTS	33.5	42.8	32.0
BERRIES	31.9	43.4	31.8
DECIDUOUS TREE FRUIT	41.8	39.9	40.8
OTHER FRUITS AND NUTS	33.0	42.3	25.6
TOTAL HORTICULTURAL SPECIALTIES	46.5	46.4	45.2
ORNAMENTAL FLORAL & NURSERY	44.9	46.4	44.5
FOOD CROPS GROWN UNDER COVER	52.3	46.2	47.5
GENERAL FARM PRIMARILY CROP	42.8	49.9	51.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.6	44.0	43.9
TOTAL AGRICULTURAL SERVICES	33.9	38.7	37.1
CROP SERVICES	38.8	41.2	41.1
HARVEST PRIMARILY BY MACHINE	37.6	41.4	43.3
PREPARATION SVCS FOR MARKET	39.6	41.0	40.3
TOTAL FARM LABOR & MANAGEMENT	30.5	37.1	32.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	7.75	7.19	7.65
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.76	7.29	7.49
VEGETABLES AND MELONS	9.83	7.96	8.26
TOTAL FRUITS AND TREE NUTS	6.54	6.89	6.52
BERRIES	6.46	6.64	6.25
DECIDUOUS TREE FRUIT	6.36	6.41	7.07
OTHER FRUITS AND NUTS	7.33	8.73	7.88
TOTAL HORTICULTURAL SPECIALTIES	6.34	7.32	7.30
ORNAMENTAL FLORAL & NURSERY	7.17	6.96	6.87
FOOD CROPS GROWN UNDER COVER	3.85	8.58	8.68
GENERAL FARM PRIMARILY CROP	7.37	6.45	7.28
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.75	7.55	7.53
TOTAL AGRICULTURAL SERVICES	7.72	6.94	7.98
CROP SERVICES	8.65	7.95	8.63
HARVEST PRIMARILY BY MACHINE	8.50	7.78	8.15
PREPARATION SVCS FOR MARKET	8.73	8.05	8.83
TOTAL FARM LABOR & MANAGEMENT	6.92	6.23	7.07

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

## DESERT

### Wage and Salary Employment in Agricultural Establishments

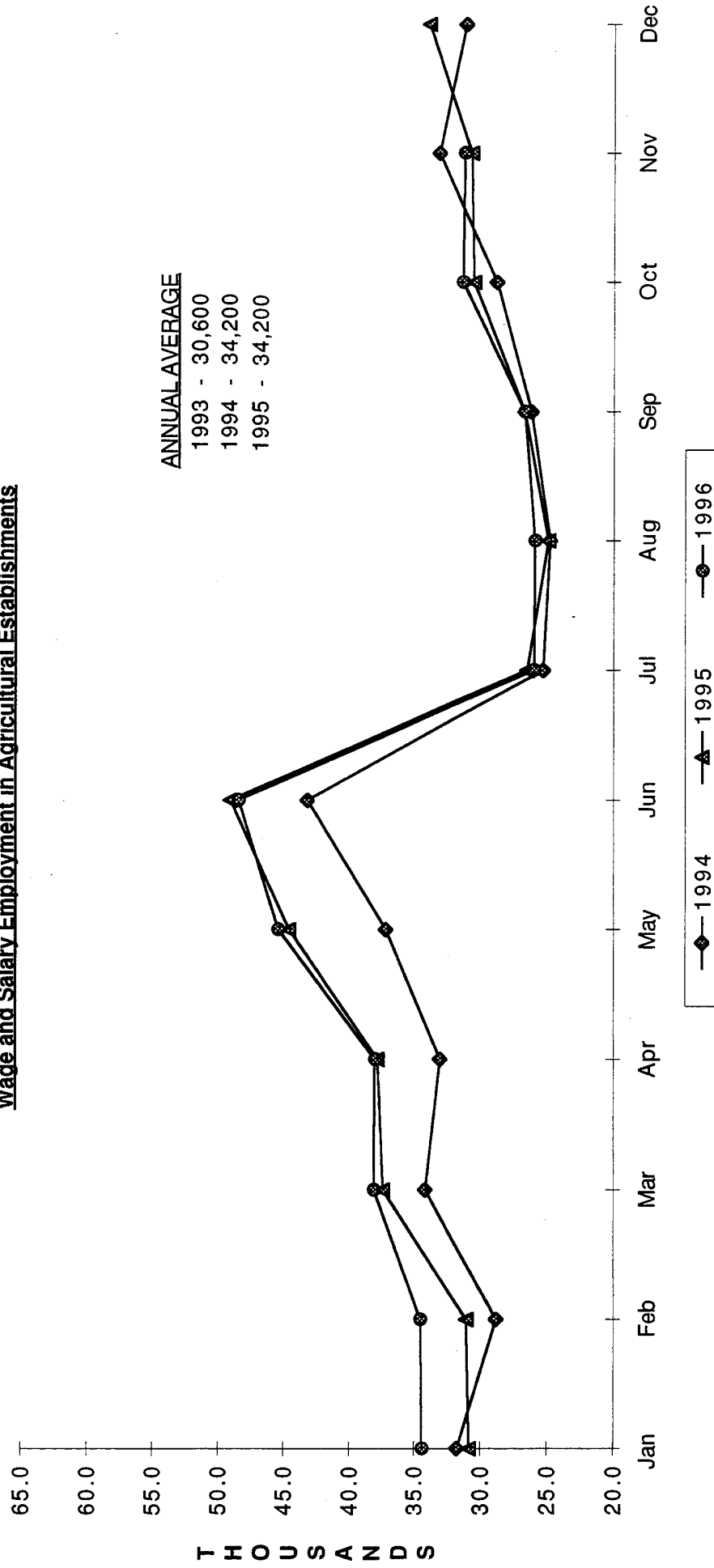


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	31.2	31.3	30.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	12.9	12.2	12.9
FIELD CROPS	1.4	1.5	1.5
VEGETABLES AND MELONS	3.4	2.6	3.4
TOTAL FRUITS AND TREE NUTS	3.8	4.4	4.3
GRAPES	1.2	1.6	1.8
CITRUS FRUITS	1.1	1.2	1.3
OTHER FRUITS AND NUTS	1.5	1.6	1.2
HORTICULTURAL SPECIALTIES	1.4	1.0	1.1
GENERAL FARM PRIMARILY CROP	2.9	2.7	2.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.0	5.0	5.0
DAIRY FARMS	1.1	1.1	1.1
CHICKEN EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.1	3.1	3.1
TOTAL AGRICULTURAL SERVICES	13.3	14.1	12.8
CROP SERVICES	4.6	5.0	4.2
PLANT CULTIVATE & PROTECTION	0.9	0.9	0.9
HARVEST PRIMARILY BY MACHINE	1.1	1.5	1.1
PREPARATION SVCS FOR MARKET	2.6	2.6	2.2
TOTAL FARM LABOR & MANAGEMENT	8.7	9.1	8.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 DESERT REGION  
 (IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	29.3	29.1	28.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	12.1	11.2	11.9
FIELD CROPS	1.3	1.3	1.3
VEGETABLES AND MELONS	3.2	2.5	3.2
TOTAL FRUITS AND TREE NUTS	3.6	4.1	4.1
GRAPES	1.1	1.5	1.7
CITRUS FRUITS	1.1	1.1	1.3
OTHER FRUITS AND NUTS	1.4	1.5	1.1
HORTICULTURAL SPECIALTIES	1.3	0.8	0.9
GENERAL FARM PRIMARILY CROP	2.7	2.5	2.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.5	4.5	4.6
DAIRY FARMS	1.1	1.1	1.1
CHICKEN EGGS	0.6	0.6	0.6
OTHER LIVESTOCK	2.8	2.8	2.9
TOTAL AGRICULTURAL SERVICES	12.7	13.4	12.0
CROP SERVICES	4.1	4.4	3.7
PLANT CULTIVATE & PROTECTION	0.8	0.8	0.7
HARVEST PRIMARILY BY MACHINE	1.1	1.4	1.0
PREPARATION SVCS FOR MARKET	2.2	2.2	2.0
TOTAL FARM LABOR & MANAGEMENT	8.6	9.0	8.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	273.14	291.97	255.45
TOTAL AGRICULTURAL PRODUCTION/CROPS	296.24	307.53	268.65
FIELD CROPS	309.62	341.35	285.98
VEGETABLES AND MELONS	294.17	338.83	237.19
TOTAL FRUITS AND TREE NUTS	289.08	278.22	280.99
GRAPES	361.92	295.85	330.36
CITRUS FRUITS	293.04	305.34	245.23
OTHER FRUITS AND NUTS	227.06	239.80	244.62
HORTICULTURAL SPECIALTIES	306.91	324.47	249.74
GENERAL FARM PRIMARILY CROP	297.98	299.51	288.60
TOTAL AGRIC PRODUCTION/LIVESTOCK	362.60	350.29	370.66
DAIRY FARMS	401.99	411.03	473.39
CHICKEN EGGS	323.61	326.65	309.40
OTHER LIVESTOCK	356.42	332.04	345.59
TOTAL AGRICULTURAL SERVICES	219.42	260.29	198.14
CROP SERVICES	270.43	295.37	266.56
PLANT CULTIVATE & PROTECTION	290.49	325.52	266.30
HARVEST PRIMARILY BY MACHINE	248.98	258.93	188.19
PREPARATION SVCS FOR MARKET	273.10	307.12	307.53
TOTAL FARM LABOR & MANAGEMENT	195.20	242.72	168.71

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS



TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	39.7	43.0	39.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.5	45.9	43.4
FIELD CROPS	45.6	51.1	43.2
VEGETABLES AND MELONS	40.8	46.8	39.4
TOTAL FRUITS AND TREE NUTS	42.7	41.9	43.7
GRAPES	52.0	43.7	51.7
CITRUS FRUITS	40.7	42.0	35.8
OTHER FRUITS AND NUTS	36.8	39.9	40.3
HORTICULTURAL SPECIALTIES	42.1	45.7	34.4
GENERAL FARM PRIMARILY CROP	47.6	48.7	52.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.4	47.4	48.9
DAIRY FARMS	48.2	48.3	50.2
CHICKEN EGGS	47.8	48.9	52.0
OTHER LIVESTOCK	50.2	46.7	47.8
TOTAL AGRICULTURAL SERVICES	32.7	39.2	31.5
CROP SERVICES	37.3	43.5	41.2
PLANT CULTIVATE & PROTECTION	47.7	52.0	43.8
HARVEST PRIMARILY BY MACHINE	36.4	37.8	30.5
PREPARATION SVCS FOR MARKET	33.8	44.0	45.9
TOTAL FARM LABOR & MANAGEMENT	30.5	37.0	27.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	6.88	6.79	6.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.81	6.70	6.19
FIELD CROPS	6.79	6.68	6.62
VEGETABLES AND MELONS	7.21	7.24	6.02
TOTAL FRUITS AND TREE NUTS	6.77	6.64	6.43
GRAPES	6.96	6.77	6.39
CITRUS FRUITS	7.20	7.27	6.85
OTHER FRUITS AND NUTS	6.17	6.01	6.07
HORTICULTURAL SPECIALTIES	7.29	7.10	7.26
GENERAL FARM PRIMARILY CROP	6.26	6.15	5.55
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.34	7.39	7.58
DAIRY FARMS	8.34	8.51	9.43
CHICKEN EGGS	6.77	6.68	5.95
OTHER LIVESTOCK	7.10	7.11	7.23
TOTAL AGRICULTURAL SERVICES	6.71	6.64	6.29
CROP SERVICES	7.25	6.79	6.47
PLANT CULTIVATE & PROTECTION	6.09	6.26	6.08
HARVEST PRIMARILY BY MACHINE	6.84	6.85	6.17
PREPARATION SVCS FOR MARKET	8.08	6.98	6.70
TOTAL FARM LABOR & MANAGEMENT	6.40	6.56	6.18

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SACRAMENTO

## Wage and Salary Employment in Agricultural Establishments

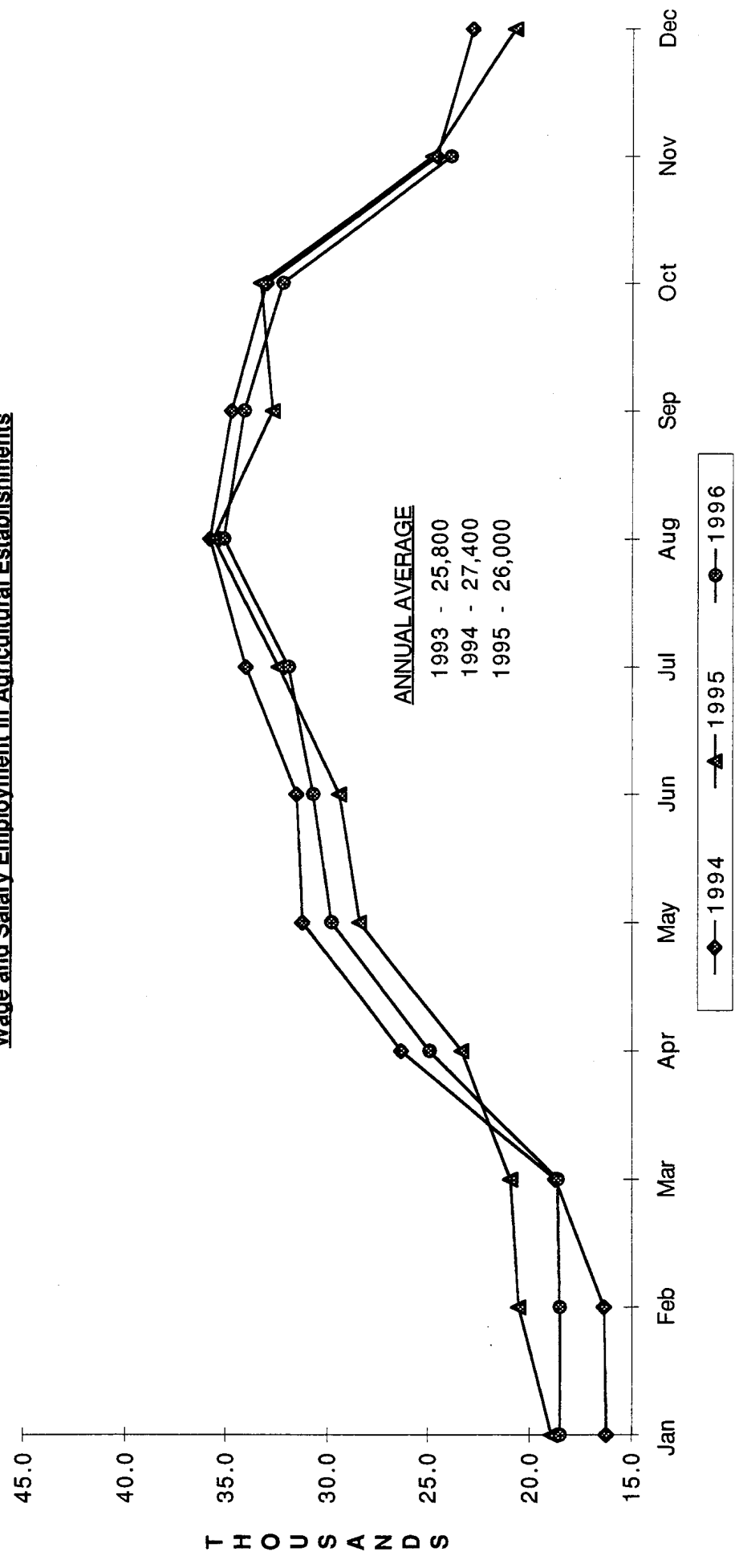


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	23.9	32.2	24.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	17.0	23.5	17.2
RICE	1.3	1.7	1.3
VEGETABLES AND MELONS	1.6	2.4	1.4
TOTAL FRUIT AND TREE NUTS	8.3	9.7	8.7
TREE NUTS	2.3	3.1	2.5
DECIDUOUS TREE FRUIT	3.8	3.9	4.1
OTHER FRUITS AND NUTS	2.2	2.7	2.1
HORTICULTURAL SPECIALTIES	1.9	4.2	2.3
GENERAL FARM PRIMARILY CROP	3.9	5.5	3.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.8	1.7
TOTAL AGRICULTURAL SERVICES	5.2	6.9	5.9
CROP SERVICES	2.9	3.3	3.1
HARVEST PRIMARILY BY MACHINE	0.9	1.0	0.8
PREPARATION SVCS FOR MARKET	2.0	2.3	2.3
TOTAL FARM LABOR & MANAGEMENT	2.3	3.6	2.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	21.5	29.8	22.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	15.2	21.9	15.8
RICE	1.1	1.5	1.1
VEGETABLES AND MELONS	1.5	2.2	1.3
TOTAL FRUIT AND TREE NUTS	7.4	9.1	8.1
TREE NUTS	2.1	2.9	2.3
DECIDUOUS TREE FRUIT	3.3	3.7	3.9
OTHER FRUITS AND NUTS	2.0	2.5	1.9
HORTICULTURAL SPECIALTIES	1.7	4.0	2.1
GENERAL FARM PRIMARILY CROP	3.5	5.1	3.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.6	1.5
TOTAL AGRICULTURAL SERVICES	4.7	6.3	5.1
CROP SERVICES	2.4	2.8	2.4
HARVEST PRIMARILY BY MACHINE	0.7	0.8	0.5
PREPARATION SVCS FOR MARKET	1.7	2.0	1.9
TOTAL FARM LABOR & MANAGEMENT	2.3	3.5	2.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	279.89	308.69	278.36
TOTAL AGRICULTURAL PRODUCTION/CROPS	276.58	304.76	276.19
RICE	330.80	431.98	355.89
VEGETABLES AND MELONS	400.96	385.00	446.37
TOTAL FRUIT AND TREE NUTS	252.23	267.89	224.08
TREE NUTS	238.39	301.77	267.52
DECIDUOUS TREE FRUIT	241.94	244.32	219.48
OTHER FRUITS AND NUTS	283.47	265.85	182.98
HORTICULTURAL SPECIALTIES	247.13	271.26	288.04
GENERAL FARM PRIMARILY CROP	273.42	322.40	303.26
TOTAL AGRIC PRODUCTION/LIVESTOCK	311.68	335.83	315.54
TOTAL AGRICULTURAL SERVICES	282.48	315.52	275.37
CROP SERVICES	329.89	372.99	315.05
HARVEST PRIMARILY BY MACHINE	319.28	383.81	307.09
PREPARATION SVCS FOR MARKET	334.14	368.30	317.68
TOTAL FARM LABOR & MANAGEMENT	232.63	270.57	239.68

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	41.1	46.7	41.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.2	46.6	41.1
RICE	38.6	55.1	46.4
VEGETABLES AND MELONS	44.9	50.0	48.1
TOTAL FRUIT AND TREE NUTS	40.1	44.5	37.1
TREE NUTS	37.9	47.9	44.0
DECIDUOUS TREE FRUIT	38.1	41.2	35.4
OTHER FRUITS AND NUTS	45.5	45.6	32.5
HORTICULTURAL SPECIALTIES	33.9	39.2	37.8
GENERAL FARM PRIMARILY CROP	42.0	52.0	48.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.5	48.6	48.1
TOTAL AGRICULTURAL SERVICES	42.8	46.4	40.2
CROP SERVICES	44.4	50.2	41.4
HARVEST PRIMARILY BY MACHINE	41.9	48.4	40.3
PREPARATION SVCS FOR MARKET	45.4	50.8	41.8
TOTAL FARM LABOR & MANAGEMENT	41.1	43.5	39.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	6.81	6.61	6.74
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.88	6.54	6.72
RICE	8.57	7.84	7.67
VEGETABLES AND MELONS	8.93	7.70	9.28
TOTAL FRUIT AND TREE NUTS	6.29	6.02	6.04
TREE NUTS	6.29	6.30	6.08
DECIDUOUS TREE FRUIT	6.35	5.93	6.20
OTHER FRUITS AND NUTS	6.23	5.83	5.63
HORTICULTURAL SPECIALTIES	7.29	6.92	7.62
GENERAL FARM PRIMARILY CROP	6.51	6.20	6.24
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.85	6.91	6.56
TOTAL AGRICULTURAL SERVICES	6.60	6.80	6.85
CROP SERVICES	7.43	7.43	7.61
HARVEST PRIMARILY BY MACHINE	7.62	7.93	7.62
PREPARATION SVCS FOR MARKET	7.36	7.25	7.60
TOTAL FARM LABOR & MANAGEMENT	5.66	6.22	6.13

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



## NORTH COAST

### Wage and Salary Employment in Agricultural Establishments

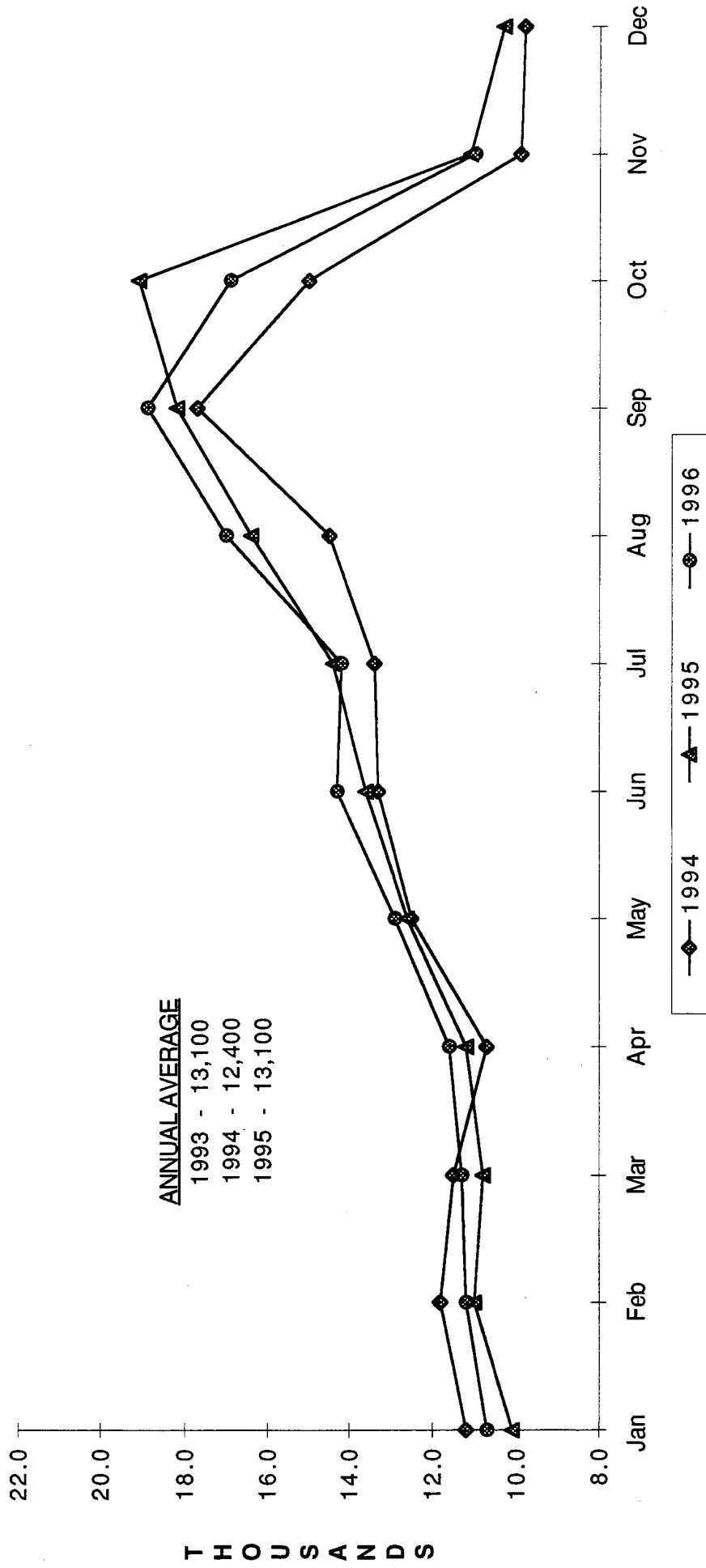


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	11.0	16.9	11.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.8	11.9	7.8
TOTAL FRUITS AND TREE NUTS	6.0	9.5	5.7
GRAPES	4.8	7.9	4.5
OTHER FRUITS AND NUTS	1.2	1.6	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.0	1.2	1.2
GENERAL FARM PRIMARILY CROP (2)	0.8	1.2	0.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.9	1.8
TOTAL AGRICULTURAL SERVICES	1.4	3.1	1.5

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	8.7	14.5	8.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.9	10.0	6.0
TOTAL FRUITS AND TREE NUTS	4.3	7.9	4.3
GRAPES	3.2	6.4	3.2
OTHER FRUITS AND NUTS	1.1	1.5	1.1
TOTAL HORTICULTURAL SPECIALTIES	0.8	1.0	0.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.6
TOTAL AGRICULTURAL SERVICES	1.1	2.8	1.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	316.36	316.47	297.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	303.16	311.25	290.51
TOTAL FRUITS AND TREE NUTS	302.94	312.16	286.12
GRAPES	321.47	326.40	304.59
OTHER FRUITS AND NUTS	249.48	252.01	234.24
TOTAL HORTICULTURAL SPECIALTIES	270.44	296.07	299.59
TOTAL AGRIC PRODUCTION/LIVESTOCK	368.87	321.66	326.16
TOTAL AGRICULTURAL SERVICES	307.83	331.96	291.02

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	44.0	38.5	39.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.7	37.5	39.1
TOTAL FRUITS AND TREE NUTS	40.5	34.8	35.9
GRAPES	40.9	34.0	35.5
OTHER FRUITS AND NUTS	39.6	38.3	37.3
TOTAL HORTICULTURAL SPECIALTIES	36.3	41.7	41.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.6	44.8	45.3
TOTAL AGRICULTURAL SERVICES	46.5	38.2	32.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1996	OCT 1996	NOV 1995
TOTAL AGRICULTURAL	7.19	8.22	7.57
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.27	8.30	7.43
TOTAL FRUITS AND TREE NUTS	7.48	8.97	7.97
GRAPES	7.86	9.60	8.58
OTHER FRUITS AND NUTS	6.30	6.58	6.28
TOTAL HORTICULTURAL SPECIALTIES	7.45	7.10	7.15
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.29	7.18	7.20
TOTAL AGRICULTURAL SERVICES	6.62	8.69	9.01

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.